

Converting Colors

XYZ(67.9916, 68.7489, 58.9896)

Have a look what the booklet for
XYZ(67.9916, 68.7489, 58.9896)
contains.

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Color

**XYZ(68.2073, 69.0257,
59.0186)**

Conversions

Conversions Part 1

Format	Color
Hex	EED4BF
RGB	238, 212, 191
RGB Percent	93%, 83%, 75%
CMY	0.0667, 0.1686, 0.2510
CMYK	0.00, 0.11, 0.20, 0.07
HSL	27°, 58%, 84%
HSV	27°, 20%, 93%
XYZ	68.2073, 69.0257, 59.0186
YIQ	217.3800, 22.2370, -1.0190

Conversions

Conversions Part 2

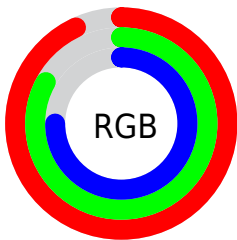
Format	Color
R _Y B	238, 229, 191
Decimal	15652031
CIE Lab	86.52, 5.76, 13.68
CIE LCh	87, 14.847, 67.162
Yxy	69.0257, 0.3476, 0.3517
Android (android.graphics.Color)	4293842111 (0xFFEED4BF)
YUV	217.3800, -13.0053, 18.0837
Hunter-Lab	83.0817, 1.1495, 16.0395

Details

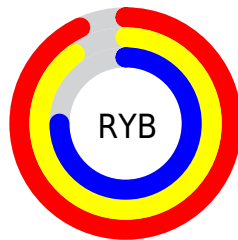
The XYZ color **68.2073, 69.0257, 59.0186** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.7308, 66.8734, 90.5435**, and the grayscale version is **66.2913, 69.7437, 75.9508**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **35.9358, 35.8940, 29.0790** is the 20% darker color. If you saturate the color by 10%, you get **62.6409, 61.7491, 45.2742**, and if you desaturate by 10%, it is **74.4714, 77.0154, 75.0969**.

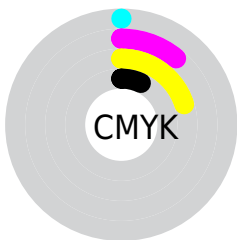
Distribution



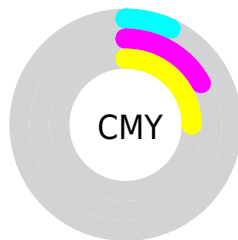
- Red (93%)
- Green (83%)
- Blue (75%)



- Red (93%)
- Yellow (90%)
- Blue (75%)



- Cyan (0%)
- Magenta (11%)
- Yellow (20%)
- Black (7%)



- Cyan (7%)
- Magenta (17%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.2073, 69.0257, 59.0186 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 68.2073, 69.0257, 59.0186 by changing the saturation by 10% instead.


 68.2073, 69.0257,
59.0186

 68.2073, 69.0257,
59.0186


443.5954,
457.1216, 438.6746

 50.3407, 50.7326,
42.2080


 115.6889,
117.8183, 104.9341

 35.9031, 35.9959,
28.9374


146.0347,
149.0866, 134.8760

 24.5291, 24.4310,
18.7883


181.2708,
185.4488, 170.0322

 15.8534, 15.6537,
11.3421

221.7628,
227.2892, 210.8210

 9.5107, 9.2794,
6.1804

267.8758,
274.9923, 257.6612

 5.1355, 4.9239,
2.8845

319.9754,

 2.3626, 2.2027,

328.9425, 310.9711

1.0360

378.4268,
389.5241, 371.1694

■ 0.8264, 0.7214,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.2073, 69.0257,
59.0186

■ 68.2073, 69.0257,
59.0186

■ 62.6409, 61.7491,
45.2742

■ 74.4714, 77.0154,
75.0969

■ 57.7398, 55.1552,
33.7492

■ 81.4528, 85.7289,
93.6075

■ 53.4769, 49.2252,
24.3257

■ 87.9625, 94.7022,
108.2510

■ 49.8209, 43.9355,
16.8730

■ 89.0700, 96.9172,
108.6201

■ 46.7377, 39.2610,
11.2459

■ 44.1886, 35.1741,
7.2784

■ 42.1289, 31.6444,
4.7738

■ 40.4896, 28.6310,
3.4096

■ 40.4518, 28.5607,
3.3807

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.0196, 69.0257, 64.2870



68.2073, 69.0257, 59.0186



64.7858, 69.0257, 57.8878

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.2073, 69.0257, 59.0186



59.2615, 69.0257, 77.5433



69.6833, 69.0257, 91.2841

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



68.2073, 69.0257, 59.0186



61.7308, 66.8734, 90.5435

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.4348, 69.0257, 95.5592



68.2073, 69.0257, 59.0186



60.4764, 69.0257, 87.1886

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.2073, 69.0257, 59.0186



59.6988, 69.0257, 68.0431



63.0734, 69.0257, 93.9985



71.8923, 69.0257, 82.7507

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.2073, 69.0257, 59.0186



62.6340, 69.0257, 59.5341



63.0734, 69.0257, 93.9985



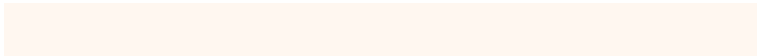
68.6724, 69.0257, 93.2993

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



68.2092, 69.0288, 59.0201



90.0432, 93.7726, 95.5587



66.4983, 60.4824, 74.2485



19.1603, 19.9301, 20.1563



0.0000, 0.0000, 0.0000



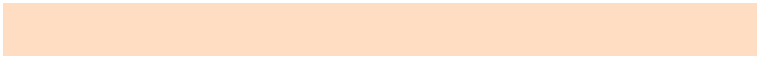
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.2092, 69.0288, 59.0201



76.8515, 76.9387, 61.7214



74.3345, 81.2795, 61.0618



16.3544, 16.9219, 16.5540



22.6928, 16.1836, 1.9277



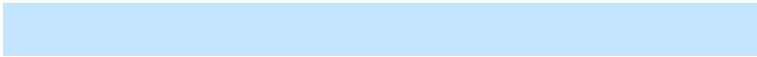
1.9856, 1.5420, 0.1930

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



61.7308, 66.8734, 90.5435



67.8938, 73.9568, 105.3044



56.2408, 55.8933, 88.7135



15.6222, 16.6784, 20.1175



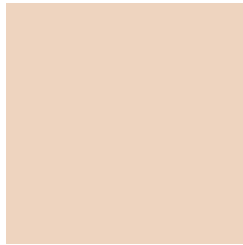
13.3168, 12.8579, 46.9078



1.2070, 1.2680, 3.9353

Previews

White Background



This preview shows how the XYZ color 68.2073, 69.0257, 59.0186 looks on a white background.

Color Contrast Check

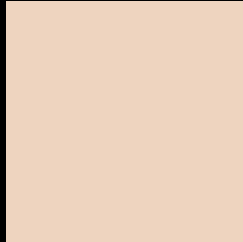
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 68.2073, 69.0257, 59.0186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

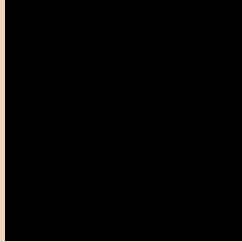
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.2073, 69.0257, 59.0186

Background



This preview shows how black text looks on a background with the XYZ color 68.2073, 69.0257, 59.0186.



This preview shows how white text looks on a background with the XYZ color 68.2073, 69.0257,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

68.2073, 69.0257, 59.0186

Protanopia

65.5455, 69.1307, 60.3410

Deuteranopia

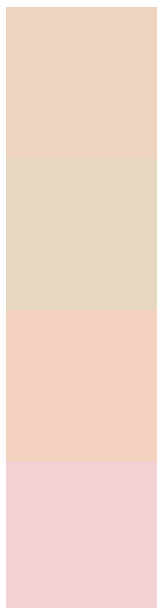
70.6727, 69.1809, 59.4976



Tritanopia

72.2501, 68.8306, 79.2897

Trichromacy



Original Color

68.2073, 69.0257, 59.0186

Protanomaly

66.4480, 69.2296, 59.7296

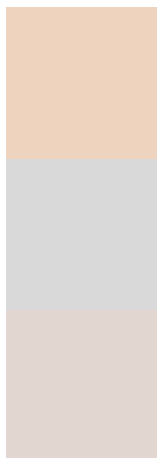
Deuteranomaly

69.8692, 69.1321, 59.5305

Tritanomaly

70.8340, 69.0048, 71.2139

Monochromacy



Original Color

68.2073, 69.0257, 59.0186

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.7369, 69.1625, 69.5068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.2073, 69.0257, 59.0186 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(238, 212, 191) looks like.

```
.text, #text, p{  
    color:rgb(238, 212, 191)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(238, 212, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 212, 191) }
```

Border

The CSS property to change the border of an element to XYZ 68.2073, 69.0257, 59.0186 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 212, 191) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(238, 212, 191) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(238, 212, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 212, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 212, 191);  
box-shadow:4px 4px 4px 4px rgb(238, 212,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 68.2073, 69.0257, 59.0186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 212, 191) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(238,  
212, 191) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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